

LIST OF SEQUENCES

SEQ ID NO : 1 – EXB-NROA0576 :

5 *Homology with NM_003576 : Homo sapiens serine/threonine kinase 24 (STE20 homolog, yeast) (STK24), mRNA. 4/2003*

1 GGTGTGGAGG TGTTCAAAGG CATTGACAAT CGGACTCAGA AAGTAGTCGC
 10 51 CATAAAAATC ATTGACCTGG AGGAGGCAGA AGATGAGATC GAGGACATTC
 101 AGCAGGAAAT CACAGTGCTG AGTCAGTGTG ACAGTCCCTA CGTAACCAAA
 15 151 TATTACGGAT CCTACCTGAA GGACACTAAA TTGTGGATAA T

SEQ ID NO :2 - Cluster NROA_c584_1 :

Homology with CB424646 : 598918 MÂRC 6BOV Bos taurus cDNA 3', mRNA sequence. 3/2003

20 1 TATCTGCAGA ATTTCCCCTT GAGAAGCGTT ATGGGGTGCA GGTAAGTTAT
 51 TACACAAGAG AAAGAAGTTT TCTTACTAAC AGCAAGATTA ATGGCACAAT
 25 101 TCAACCAAAA CTCATATACA TTTTACTGCT TAATTTACAT ATTATTTTGG
 151 TGGAAAAAAT AGTATTCTTT ATTCTTTCAG TTTCTTTATG CAAAAATACA
 201 CTTCTACAGG GACATCACTT AGATGTTATG CAAACCTCCC CCCC
 30

SEQ ID NO : 3 – EXB-NROA1108 :

Homology with NM_138402 : Homo sapiens hypothetical protein BC004921 (LOC93349), mRNA. 4/2003

35 1 GAGACATTTG GCCAAAAGAG GAATTTCCAG GACACCAACA ACATCCATTA
 51 TTCCATTATT CATTTGTTTC CTGAAGAGCA AACACTTCCT TGAAATTCTT
 40 101 CTCAAATTCT GCCTCCAGTC TAAGCCCCAT TTGGCCAAAA TCATTGAACT
 151 TGAAAGATGC CCTGTGGTTC TGAAAGATGA GACGCATGTC CCACACAAAC
 201 CCTTCCACAT TGGAGTAGCC CTGCTCATTG AGCCTCTTCT TGATCTTGTC
 45 251 CAGCCACATG GGCTCCTTGA GGTTTTTAGA AGCCTCTTTC ATATAATAAT
 301 AATAGGGAAT CCTCACTATA ACGCT

50

SEQ ID NO: 4 - Cluster NROA_c450_1 :

No homology

55 1 AAGCGTTATG CAGGTAGGCC GACAAGGCGA AGTGGGATGC CGGAGAGCGG

51 CCGAGTTATT GCTCCGAGGA GACCACGTTT ACCGGTTACT ATGGCGACCG
 101 CCCCATCCCG GATCACTATC AGCCGTTTAC CGCCGATGAG GCGACGTGGT
 5 151 TCCAGCTCTG GGAGACGGTG AGCGAGGGCA CTCCTACGTC GCCGCCCTTC
 201 GCGACGATTG AGGAACTGGC AGCCTACCTC GCCGAGTGGG GCGACTTCTG
 251 TGATCACAGG CGCGCCGTCG AGTCCATGGA CGCGCGCGAG ATTGAGCGCC
 10 301 TCCTGACGCT GAATGACCGG CACTAGTTCA AGGTGCGGCT GGGGGCAGCA
 351 GCGCGCCTAA GCTTTCTGCA AGACTGGCTG GGCGCCCAGC ATGATGGTCC
 15 401 GCGGCGGCGA GATCCTGACC AACCCTGGGG ACATGGTGTC GTCGTGACCC
 451 TCGCCTAGCT CTCTCACACA CCTAGGAGGA AGAGATGACC ACCCCCAACA
 501 TTCGCGGCCA CGAGACCGAA GCCAAGGCCG GCAAGGCGGC GATGAAGTGG
 20 551 TTCACCTTCA CGGACGGCAC CAAGCCTGTC GAGGGCGTCC ACTTCCACAT
 601 CAAGCAGAAC CACTTCGGGC TCTGGACCTT CCGGGAGGGC CCGGCTCCGA
 25 651 AGTCCGCCGG ACCCCGCATC ACTCATAACG CTTCTCAA

SEQ ID NO: 5 – EXB-NROB1323 :

30 *Homology with NM_000982 : Homo sapiens ribosomal protein L21 (RPL21), mRNA.*
 5/2003

1 AGAAGCGTTA TTGCTGATAC CCGCTACATG TTCTCCAGGC CTTTCAGAAA
 51 ACATGGAGTT GTTCCTTTGG CCACATACAT GCGAATCTAC AGGAAGGGTG
 35 101 ATATTGTAGA TATCAAGGGA ATGGGTACTG TTCAAAAAGG AATGCCCCAC
 151 AAATGTTACC ATGGCAAAAC TGGAAGAGTC TATAATGTCA CCCAGCATGC
 40 201 TGTTGGCATC ATTGTAAACA AACAAGTTAA GGGCAAGATT CTTGCCAAGA
 251 GAATTAATGT GCGTATCGAG CATATTAAGC ACTCTAAGAG CCGAGATAGC
 301 TTCCTGAAAC GTGTGAAGGA AAATGATCAG AAAAAGAGGG AAGCCAAAGA
 45 351 GAAAGGGACT TGGGGTTAAC ACC

SEQ ID NO :6 – EXB-NROA0588 :

50 *Homology with AW325879 : 17199 MARC 1BOV Bos taurus cDNA 5', mRNA sequence.*
 4/2001

1 GGGCGGAGGT CACCCTGGGG ATCCTCCAGG GCCAGGCCCT GGCACAACCT
 55 51 GTCTCCATCA CACAGATGGG CCGTCGCCTG GTCGTGGCTC TCAGGAGTCA
 101 GACCGGAAAA AGCCAGCCCT GGGGCAACCA GGAGACCGA GGTGATGAGC

151 AGGACAGCCC AGGAGGTCAT GTTGAGGCAG CTGAAAGGTC TGTGCAAGTC
 201 AATCATGAAG AAATTTCTCC GTACCATCAC CTCCC

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SEQ ID NO :7 – EXB-NROB1540 :

Homology with D37952 : Bovine NB10 mRNA for MHC class II (BoLA-DQB), partial cds. 2/1999

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1 CTTGTGTAGG CAGAGGTTCC AGGGTCAGTG GAGGAAGCAG CATCACAGCC
 51 AGATCCATGG TTGGGGGATG GCCACGGGAA ATGACTTGGT GACTGACTCT
 101 GATCTCAGAG TGGGACAGGC TGACAGGCAT CTGGGAATTC CGGGCAAGGT
 151 CAGGCACGTA TTATAGAAGA GCAAACACCA ATCCCAAAAT ATCCTCAGGA
 201 ATCAGCGCAT GAGCCCCTTC TGGCTCCTGT GATGGATGAT GAGGCCCAGC
 251 CCAAGGAAGA TCAGCCCCAG CACAAAGCCT CCAAC

20

SEQ ID NO : 8 Cluster NROB_c1_-64 :

25 *Homology with D76416 : Bovine mRNA for MHC class II DM alpha-chain (BoLA-DMA), complete cds. 2/1999*

1 TCTGCAGAAT TCGCCTCTGA GAAGCGTTAT CCGTTGGACC CAANNNNNNN
 30 51 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNCAAGA GAAAAGATCA
 101 GAGGGTGCTG GTGTGACGTT TAAGTAGGAA AAGGCCTGGA AGGTGAGTCC
 151 ATCAACCGCG GAGACAAAAG TGGGCCCGGC TCCTTCCACA GGTGCCGACT
 35 201 GATGCTGCCA GTTCACGGTC AGTGTGGGTC AACAC

35

SEQ ID NO : 9 – EXB-NROB1371 :

40 *Homology with NM_006098 : Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1 (GNB2L1), mRNA. 4/2003*

1 AAGCGTTATT TAGATAANNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 45 51 NNNNNNNNTAC ACCCAGAGTA TTCCATAGTT TGATGGTTTT GTCTCGGGAG
 101 CCAGAGACAA TTTGCCGGTT GTCAGAAGAG AAGGCCACAC TCAGCACATC
 151 TTTGGTATGG CCTACAAATC GGCGAGTGGT GGTGCCCCGT GTGAGATCCC
 50 201 AAAGGCGAAG GGTTCATCC CAGGAGCCTG AGAGGGCAAA TTGGCCATCT
 251 GAGGAAATGA CCACATCACT AACAAAGTGG GAGTGACCCC GAAGAGCACG
 55 301 CTGTGGGATA CCATAGTTGG TTTCATCTCT GGTGAGCTTC CACATAATGA

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351 TGGTCTTATC TCGAGAGGCG GACGATATCA TGTCCGGGAA CTGGGGAGTG

SEQ ID NO :10 - NROB_c579_1 :

5 *Homology with D87076 : Homo sapiens mRNA for KIAA0239 gene, partial cds. 1/2003*

1 GGGCCAGGGG ATGATATGAA TGTCACAGGA GGAGACACCT TCTGTCTTTG
 51 TTTCAAAGAA AGTTGATGTG CCATTTGTTA ATATACAAGA GAAATATTGA
 10 101 AAATATATTG AAAAGAGCAA TTTTAAATTA TTTTGGCTT ATGTTGCAAT
 151 ATTTATTTTC TTGTATTAGG AAAGATTCCCT TTGTAGAAAA AAAATGTATT
 15 201 TTTCATTAAC GCAAAAACCT ATTTCTCCTT TTTGTACATT GTCCATGTTC
 251 GCTACCCTTA ACGAGCAATA GAATGTATGG CTGCCTCGGG GTGGCCGGTG
 301 CCCGCGTGCC CTGCATGATT CTGTGGTCCC ACCACCATGT AGCTCCCAGT
 20 351 CCCATCCTGT CCTGCTCACT CATGGGGGTT TCCAGAGCCT AGCCCCCT

SEQ ID NO : 11 – Cluster NROA_c125_1 :

25 *Homology with D45359 : Bos taurus mRNA for MHC class II DRB3, partial cds. 1/2003*

1 TGGATTGCAG GTGACTGAGA AAACCATCGA GGACAGTTTT TAAGGGGTCA
 51 CTGAGCCAGG AGCAAATGAG ATCCTGAGAA AGTACTTCAT TGTGGAAGAG
 30 101 TTAGCACTAA GCAGGAAACC TTTCCATGCT GTGAAGAAGC TGGGACAGAA
 151 GGTTCCTTCCT TGAGTGTGAC CATCTTCACT TCAGCTCAGG AGCCCTGTTG
 35 201 GCTGAAGTGT AGGGCGTCCT TTCTGATTCC TGAAGTATAT TTATTAGCCC
 251 CACGGCAAGG AAGAACAGAC TCAGAACGAA GCCCCCGACT CCACTCATCA
 301 TCTTGCTCTG AGCAGAGTCA GACCGTGCCC TCCATTCTAC TGTGATAGGG
 40 351 CTTGTCTGGC TGGGGTGCTC CACTTGGC AA GTGTAGACCT GGCACCA

SEQ ID NO :12 – Cluster NROB_c0_1 :

45 *Homology with J01394 : Bos taurus mitochondrion, complete genome. 4/2001*

1 GCTGTCCAAA AAGGCCTCCG TTATGGAATA ATTCTTTTTTA TTATCTCCGA
 51 AGTACTATTC TTTACCGGAT TTTTCTGAGC TTTCTACCAC TCAAGCCTCG
 50 101 CCCCCACCCC TGGGGGAGGC GGCTGCTGAC CCCCACAGG CATTACCCA
 151 CTAAACCCCC TAGAAGTCCC ACTGCTCAAC ACCTCTGTCC TATTGGCTTC
 55 201 CGGAGTTTCT ATTACCTGAG CCCATCATAG TTTAATAGAA GGGGACCGAA
 251 AGCATATATT ACAAGCCCTA TTTATCACCA TCACATTAGG AGTCTACTTC

5
301 ACACTACTAC AAGCCTCAGA ATACTATGAA GCACCTTTTA CTATCTCCGA
351 CGGAGTTTAC GGCTCAACTT TTTTGTAGC CACAGGCTTC CACGGCCTCC
401 ACGTCATCAT TGGGTCCAAC AAATAACGCT TCTCNNNNNN NNNNNNTGCA
451 GATA

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SEQ ID NO :13 - Cluster NROA_c1045_-1 :

Homology with BM363411 : BS320054B20G01 Subtracted Lewin Cattle Spleen Bos taurus cDNA clone BS320054B20G01 5', mRNA sequence. 1/2002

15

1 GGGGAGGTAT CTGTCACCCA CGCAGAAATG CTTCTGACAG GCGGCANNNN
51 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN CTTGGCCGAA
20 151 AAGCCTGAGG TAGTCTCGGC GGCAGAGCTT CCGGCCCCAGC TTGTAGTAGA
201 GCGGCCCGCC CACCTACCC

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SEQ ID NO : 14 – Cluster NROA_c69_1 :

Homology with NM_003127 : Homo sapiens spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTAN1), mRNA. 4/2003

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1 GAAGCGTTAT TGGAGGAGGC TAACCTAGGA GCAGAGGATC AGTTCACGAA
51 GAGCGAGCGG GTGAACTCGA CGTAGTCAA AGCAGTGGGG AGTTCGCGGC
101 CCTTGCTGTC CACGTAGGGC TTCATGTGGG AGACGCAGTA GTCGGCTTGT
35 151 TCCCGAGTCA AGTTCTGGTA CAGCTCCTCC TTGGTCACAT AAGGCTTCCC
201 TTCAGAGCTC ACGGCCCGGA AGGCGCTCTC AATCTCCTCG CTGGACTTGA
40 251 CGTTCTCCGT CTCACGGCTG ATCATAAAGG ACATGTACTC TTGCATGGAG
301 ACGTGGACGT CCCTGTTAGG ATCCACAGTG TCCAAGATGG ACTCGAACTC
351 AAGGTCGGGC TCCCCTTCCT CCAACATGGG CAGGTC

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SEQ ID NO : 15 – Cluster NROB_c1_12 :

Homology with BM431390: 1Duo15D10 Bos taurus Duodenum #1 library Bos taurus cDNA, mRNA sequence. 1/2002

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1 TCTGCAGAAT TCGCCTTTGA GAAGCGTTAT GGGGGCGAGG TGGTAAAGGA
51 AGCTTACAAA ACAACTATTC TTTAAAAAAA AACAAAAAAA CAAAAAACA
55 101 AAAAACAGCA AAAGCCAACC GGCCCAATTT TGTCTCCAGT TTTCAACGTG

151 TGCTTTCGAG CATTTTCAGCT GTTTCAGTT ACTTTAGTTT CCAGATATTA
 201 GTCTTCCATT TAGTTTTAAG ACTAAATCTC ACTTTTGGAT AAACACAAGG
 5 251 AAATATTTTA CTTGCTGAAA AATCACTTTA CTGGATAAAG TTACCTCTTA
 301 TGCCTTTCAG TTTTCTAATC CAACTTTCTG ACAACCAGTG GTAATTAGGA
 351 AGTTCTAAGT TGCAGTTGTC CCTATGACTT TGGGCTTCCC TGGTGGCTCA
 10 401 GCTGGTCAAA AATCTGCCTG CAATGCGGGA GACCTCCACC CCATAACGCT
 451 TCTCAAAGGC GAATTCTGCA GA

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SEQ ID NO: 16 - Cluster NROA_c21_1

Homology with NM_001416 : Homo sapiens eukaryotic translation initiation factor 4A, isoform 1 (EIF4A1) mRNA

20

1 TTGAGAAGCG TTATTGTGGG GAGGTCATAG TTGATGACTA AGGAAACTTG
 51 CTGTACATCA ATACCTCTGG CCAGTAGGTC AGTGGTAATC AATACTCTGC
 25 101 TGGAGCCAGA GCGGAACTCC CTCATGATAA CGTCTCGTTC TTTTGGGTCC
 151 ATGTCTCCGT GCATGGCAGA GACGGTGAAG TCTCGGGCAT GCATCTTCTC
 201 GGTGAGCCAA TCCACCTTCC TTCGGGTGTT GATGAAGATG ACTGCCTGGG
 30 251 TAATGGTCAG GGTTCATAC AAGTCGCACA GTGTGTCCAG CTTCCACTCC
 301 TCTCGTTCCA CATTGATGTA GAACTGACGG ATACCCTCCA GCGTCAACTC
 35 351 TTCCTTCTTG ACAAGAATTC TAATTGGGTC CCTCATGAAC TTCTTGGTCA
 401 CCTCCCGCCC ATAACGCTTC TCAA

40 SEQ ID NO: 17 - Cluster NROA_c12_1

Homology with NM_15862: Homo sapiens actin related protein 2/3 complex, subunit 2, 43kDa 5ARPC2) transcript variant 1 mRNA

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1 CTTGTATGGT GTATGGAAGT TACTTGGTAA ATCCAGAATC AGGATACAAT
 51 GTCTCCTTGC TATACGACCT TGAAAATCTG CCTGCATCCA AGGATTCCAT
 101 CGTGCATCAA GCTGGCATGT TGAAACGAAA CTGTTTTGCC TCTGTCTTTG
 50 151 AGAAATACTT CCAGTTCCAG GAATGAGGGC AAGGAATGAG AGTTAGGGGC
 201 AGTTATCCAT TATAGGGATG ATGAGACCAT GTATGTTGAG TCAAAAAAAG
 55 251 ACAGAGTCAC AGTAGTCTTC AGCACAGTGT TTAAGGATGA CGACGATGTG
 301 GTCATTGGAA AGGTGTTTCA GCAGGAGTTC AAAGAAGGAC GCAGAGCCAG

351 CCACACAGCC CCACAGGTCC TCTTCAGCCA CAGGGAACCT CCCTTAGAGC
 401 TGAAAGATAC CGATGCCGCC GTGGGTGACA ACATTGGCTA CATTACCTTC
 451 GTGCTGTTCC CTGCCCCAAT ATAA

SEQ ID NO: 18 - Cluster NROB_c160_1

Homology with AF513721 : Bos grunniens myosin regulatory light chain mRNA

1 CCAGTGTGTT GCCCCTGAGA AGCGTTATAT GCGGTAGTGA GGGGAATTTT
 51 AATTACATCG AGTTCACACG CATCCTTAAG CATGGAGCGA AAGACAAAGA
 101 CGACTAAAAA GAACTTCAAA CTCCAGCCAA ACGTTCCTTG TTGCCACTCT
 151 GGGTATTTCT GAGACTTTCT CTTAGAGCCT GTTGCATGCC CTTAGCTTTA
 201 CAGCTTCTGC CTTTCTTTTG TATTTATTCT CAGCCATTG GGGCACATGC
 251 ATCTCTATAA TCAGACTGGA TATGGGACTT CTTGTCATTT TAAGAGTAGA
 301 AAATAGGGTA ATTTAACTTA CCAGCTGCCG TCTACCCTCC CCCAAAGTCA
 351 TAACGCTTCT CNNNNNNNCA GC

30 SEQ ID NO: 18 - Cluster NROB_c1_11

Homology with BM429753: 1Duo20H3.ab1 Bos Taurus duodenum #1 library Bos Taurus cDNA, mRNA sequence

1 TCTGCAGAAT TCGCCTCTGA GAAGCGTTAT GCTGAGAGGG GGGACTGGAA
 51 GCTTTGCTGA TATTTACTCA ATATTCACAA GGGGCCTGTG TAATGTGTTT
 101 CACAGGTAGT GCTAATGCTC AATGCAAGAT GCATTTTCAGC CTTGTAATTC
 151 CTTTCATTTG AGTCTTTGAA CCATGTCCAA TGAACCAGAG CTCAAACTAA
 201 TCAATTTTGT AGTTGGTATT TGTTGGAGGG GAGGCAGGCA TGGACAGCAA
 251 TAGGGAGTGA GCTGGAGAGA TGCTTTGCTA ACCATAGTAA ACTGTGAAAA
 301 AATAGTTACT TCCTGAAAAA AGGAAATATT CTTGAGAGCA CCTTCATAAT
 351 GTCATCAAAT ACATGGCTAA ATACATTGTC TTGAGCCTCC TTCCTAATGT
 401 TTCTTAGTTT TTTTTCATAT TCCATCTTTA GTAATTCAAT TTCCCCCTCT
 451 TTTTCCTGCA TAATCTTCTC GCATGCTTGA GCACACTCCT TTTCCACTTT
 501 TTGGATTTC ATTTCTAATT GATCAATATA TCTTT

SEQ ID NO: 20 - Cluster NROB_c1_15

Homology with NM_003127 : Homo sapiens spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTAN1) mRNA

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5      1  AGAAGCGTTA TCGGGTAGGC TAACCTAGGA GCAGAGGATC AGTTCACGAA
      51  GAGCGAGCGG GTGAACTCGA CGTAGTCAAA AGCAGTGGGG AGTTCGCGGC
10     101  CCTTGCTGTC CACGTAGGGC TTCATGTGGG AGACGCAGTA GTCGGCTTGT
      151  TCCCGAGTCA GGTTCCTGGTA CAGCTCCTCC TTGGTCACAT AAGGCTTCCC
      201  TTCAGAGCTC AGGGCCCCGA AGGCGCTCTC AATCTCCTCG CTGGACTTGA
15     251  CGTTCTCGGT CTCACGGCTG ATCATAAAGG CCATGTACTC TTGCAGGGAG
      301  ACGTGGCCGT CCCTGTTAGG ATCCACAGTG TCCAGGATGG CCTCGAACTC
20     351  AGGGTCGGGC TCCCCTTCCT CCACCATGGG CAGGTCATAG CCCAGGGAGC
      401  GCAGACAGGA TTTGAACTCC TGGTGGTTCA GCCGGCCAGA CTTGTCCTTG
      451  TCGAAGTGTT TGAACATCAT GCTGAATTCT TTGAGGGCCT TACAGATAAC
25     501  GCTTCTCAAA GCGAATTCT GCAGATA

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SEQ ID NO: 21 - Cluster NROB_c1_13

Homology with NM_003295 : Homo sapiens tumor protein, translationally-controlled 1 (TPT1) mRNA

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30     1  GAGAAGCGTT ATGGCGGGGA GGTACCGAAA GCACAGTAAT CACTGGTGTG
35     51  GATATTGTCA TGAGCCATCA CTTGCAGGAA ACCAGCTTCA CAAAAGAAGC
      101  CTACAAGAAG TACATCAAAG ATTACATGAA GTCAATCAAA GGGAAACTTG
40     151  AAGAACAGAG ACCAGAAAGA GTAAAACCTT TTATGACAGG GGCTGCAGAA
      201  CAAATCAAGC ACATCCTTGC TAATTTCAAA AACTATCAGT TCTTTATTGG
      251  TGAAAACATG AATCCAGATG GCATGGTTGC TCTGCTGGAC TACCGTGAGG
45     301  ATGGTGTAAC CCCATATATG ATTTTCTTTA AGGATGGTTT AGAGATGGAA
      351  AAATGTTAAC AAAGTTGGCA GTTACTTTGG ATCAATCACC TCCCCCCCAT
50     401  AACGCTTCTC TAATGCTTAT TCATGCAGAC AACACCAGGA CTTAGACAGA
      451  TGGGACTGAT GTCATCTCGA GCTCTTCATT TGTTTTGAAC GTTGATTTAT
55     501  TTGGAGCGGA GGCATTGTTT TTGAGAAAAC GTGTCATGTA GGTCCC

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SEQ ID NO: 22 - Cluster.NROB_c795_1*Homology with X85799 : B. Taurus mRNA from clone TUS4 (unknown function)*

5 1 GGGGTAGGTC AAAAAAAGTC CAAACCAAAA ACAAACCTG CCAAAACCAA
 51 CAAAAAACCT CCGAAATCTG AAGACAAGT AATCAATCCC TGCAGTCTCA
 10 101 CTTTCTCTTG GAAAGAAAAG TTGGATAATC CAACCCTTTT ACAAAGGATA
 151 ATACAAGGGT GACAGTTCCA AGCTCTCAGG AACAGGGTCT TAGACGCTTT
 201 TGGAGGTTGA GAGGCACAAA ACGGCAGTCT GAAAATTCCT TTCATCTCAC
 15 251 GGCACTGATT GAGTTTAGAC TTGATTTCTC CTCCCCTACC TACCCGATAT
 301 AACGCTTCTC

20 SEQ ID NO: 23 - EXB-NROB0367-01*Homology with AJ318335: Ovis aries partial mRNA for high affinity IgE receptor gamma subunit (fcr1g gene)*

25 1 GAAGGGCAGG CGCGAAAGGC AGCTACAGCC AGTGAGAAAT CAGATGGCAT
 51 TTACACGGGC CTGAGCACCC GGACCCAGGA GACTTATGAG ACCCTGAAGC
 30 101 ATGAGAAACC ACCACAATAG CTTTAGAACA GATGCCCTTT GTCACCTCCT
 151 T

35 SEQ ID NO: 24 - EXB-NROB1653-01*Homology with NM_004397 : Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54 kDa) (DDX6)*

40 1 AATGTAAGGG GGATTAGAGT GATTATGGGA GCAGCTAAAG ATGAGAGGGG
 51 CTCAGTTTTT CGCAACACTA AATCTAAAAA GTATTTTGGC TTCTTACTGT
 45 101 AGAGAGCAGA CCTCTACAGG AATCCTACAT TGGAAAAGAG ACCCAGAGGT
 151 CTGCGGTTCA CTGCTGCCAC ACTGTCTCAC ATAGTACCTT TGGAGTAGGC
 201 CTGACAGAGA GCACAGGGAA GCTTCAGAAA CCTGTAATTC AAGATTTTAT
 50 251 TTTTTTGAGA CGTTCCTCTC GATACTGTTC CCCGCCAGCC TTTTTTAAAA
 301 GTTTGAGAAA CTTTTCAGC TCTGCAAAAG GGGACAAAGA ATTTGCCTTG
 351 CAGTGTGGGG ATATGATTGA GCGGCAGTG

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SEQ ID NO: 25 - EXB-NROB1743-01

Homology with NM_078480: Homo sapiens fuse-binding protein interacting repressor (SLAHBP1) transcript variant 1 mRNA

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 1 GTGGTAGGTG ACTGAGGAGT GTGGCAAGTT TGGTGCTGTC AACCGTGTCA
 51 TCATCTACCA AGAGAAGCAG GGCGAGGAAG AGGACGCGGA GATCATTGTC
 10 101 AAGATTTTTG TGGAGTTTTT CGTAGCCTCT GAGACTCACA AGGCCATCCA
 151 GGCCCTCAAT GGGCGCTGGT TTGCTGGCCG CAAGGTGGTG GCTGAAGTGT
 201 ATGACCAGGA GCGTTTTGAT AACAGTGACC TCTCTGCATG ACCTCCCCC
 15 251 C

SEQ ID NO: 26 - EXB-NROA1346-01

Homology with AB098926: Bos Taurus mRNA for similar to beta 2-microglobulin, partial cds

25
 1 GATCAGTACA GCTGCCGAGT GAAACACGTT ACTTTGGAAC AACCCCGGAT
 51 AGTTAAGTGG GATCGAGACC TGTAAGCAGC ACCATCGAGA TTTGAACATT
 101 CTTCATTTGG TATAATATCT GGAAAATTCT GTTTCCTGC TCTTTAATAC
 30 151 TGATATGCTT TTATGCTTTA TGCGCATAAT CAGAAGTCAT ATTCATGTTA
 201 CCATAAATAC CTTCTTTATA ATTTTACCGT GGGTGCTACA TGTCCATGTT
 35 251 TGACCTTCCT AGGCAGGTGT CTGCAGTGGA GGTCCACAAA